

CDDIS Services to the ILRS

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The CDDIS is one of twelve NASA Earth Observing System Data and Information System (EOSDIS) Distributed Active Archive Centers (DAAC) and supports the space geodesy and geodynamics community through the International Association of Geodesy (IAG) services, which includes the International Laser Ranging Service (ILRS). As an EOSDIS DAAC, the CDDIS is required to meet best archival practices including the Findability, Accessibility, Interoperability, and Reuse (FAIR) Guiding Principles for scientific data management and stewardship which ultimately serves data and product providers and users. These best practices and artifacts built to support them are not always visible to users although utilizing them ultimately benefits the community, for example with citing with DOIs to ensure traceability and that proper credit is given to the data and product creators. To address this gap, this poster steps through the CDDIS's ingest, quality control, and archive systems that ensure data is searchable, citable, and credit is given to providers. The CDDIS will then review ESDIS tools for exploration of the CDDIS archive. Beginning next year, the CDDIS will start migrating to the cloud to support open science.